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## Patents Act 1977

### Search Report under Section 17

#### Databases searched:

UK Patent Office collections, including GB, EP, WO & US patent specifications, in:

UK Cl (Ed.Q): G1A (AAMA, ACDL, ACDX) H5R(RAT, RTQ)

Int Cl (Ed.6): G01N(1/47, 1/49) (A61B5/00)

Other: Online: WPI, EPODOC, JAPIO

#### Documents considered to be relevant:

Category	Identity of document and relevant passage	Relevant to claims
X	GB 2 075 668 A (Duke University) Figs.10-15 & pages 15-17	1,21
Y	EP 0 864 857 A1 (Lucent Technologies) Whole document	1,2,3, 21-26, 29,32,33.
Y,&	EP 0 828 162 A2 (Lucent Technologies) see WPI abstract	1,2,3, 21-26, 29,32,33.
X	EP 0 828 143 A2 (Lucent Technologies) Whole document, Esp. Figs. 5A&B, col.11 lines 7-48.	1-6,11,12 21-24, 27
Y,&	US 5 710 430 (Lucent Technologies) see WPI abstract	1,2,3, 21-26, 29,32,33.
Y,&	US 5 623 145 (Lucent Technologies) see WPI abstract	1,2,3, 21-26, 29,32,33.
Y	WO88/01485 A1 (Singer) Whole document	1,2,3, 21-26, 29,32,33.

X	Document indicating lack of novelty or inventive step	A	Document indicating technological background and/or state of the art.
Y	Document indicating lack of inventive step if combined with one or more other documents of same category.	P	Document published on or after the declared priority date but before the filing date of this invention.
&	Member of the same patent family	E	Patent document published on or after, but with priority date earlier than, the filing date of this application.

International Application No

PCT/GB 00/02168

OF SUBJECT MATTER

G01N21/35

to International Patent Classification (IPC) or to both national classification and IPC

## FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC, COMPENDEX, IBM-TDB

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to Claim No:
A	D.M. MITTLEMAN ET AL: "T-ray imaging" IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS., vol. 2, no. 3, September 1996 (1996-09), pages 679-692, XP000689828 IEEE SERVICE CENTER., US ISSN: 1077-260X cited in the application abstract page 680, right-hand column, line 7 - line 19 page 685, left-hand column, line 1 -right-hand column, line 11 figures 2,9 --- -/-	1,2,25, 26

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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Date of the actual completion of the international search

19 October 2000

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26/10/2000

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## INTERNATIONAL SEARCH REPORT

In: International Application No

PCT/GB 00/02168

## C (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 828 143 A (LUCENT TECHNOLOGIES) 11 March 1998 (1998-03-11) column 1, line 14 - line 30 column 11, line 7 - line 44 figures 5A, 5B	1, 25
E	GB 2 347 835 A (TOSHIBA RESEARCH EUROPE) 13 September 2000 (2000-09-13)  page 1, paragraph 1 page 38, paragraph 7 claim 39; figure 36	1, 2, 18-26, 30, 32, 33, 37-41

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